Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A piston type compressor comprising:

a housing including a cylinder bore;

a drive shaft supported by the housing;

a lug plate secured to the drive shaft, the lug plate being supported by the housing;

a cam plate coupled to the ~~drive shaft~~ lug plate, the cam plate being rotated by the rotation of the drive shaft;

a piston accommodated in the cylinder bore, the piston being coupled to the cam plate, the rotation of the cam plate being converted into the reciprocating movement of the piston, in accordance with the reciprocating movement of the piston, gas being introduced into the cylinder bore ~~and~~, the gas being compressed and ~~being~~ discharged from the cylinder bore, compression reactive force being generated while the gas is being compressed by the piston, the compression reactive force being transmitted from the piston to the housing through a compression reactive force transmission path, ~~the compression reactive force being received by the housing~~ the compression reactive force transmission path ~~traveling through a predetermined set of members in the piston type compressor~~ including the cam plate and the lug plate between the piston and the housing; and

a vibration damping member made of a predetermined vibration damping alloy, the vibration damping member being placed ~~at least at one position along the compression reactive force transmission path~~ between the cam plate and the lug plate.

2. (cancelled)

3. (original) The piston type compressor according to claim 1, wherein the vibration damping alloy is one of ferromagnetic type including Fe-Cr-Al.

4. (original) The piston type compressor according to claim 1, wherein the vibration damping alloy is a ferromagnetic type including Fe-Cr-Al-Mn, Fe-Cr-Mo, Co-Ni and Fe-Cr.

5. (original) The piston type compressor according to claim 1, wherein the vibration damping alloy is of a compound type including Al-Zn.

6. (original) The piston type compressor according to claim 1, wherein the vibration damping alloy is a transition type including Mn-Cu and Cu-Mn-Al.

7. (original) The piston type compressor according to claim 1, wherein the vibration damping alloy is a twin type including Cu-Zn-Al, Cu-Al-Ni and Ni-Ti.

8. (currently amended) The piston type compressor according to claim 1, wherein the piston type compressor is a clutchless type compressor, ~~in which~~ an external drive source ~~is~~ being coupled directly to the drive shaft without a clutch to operate the compressor ~~and which stops~~, the clutchless type compressor substantially stopping circulation of the gas in an external circuit in a state that the inclination angle of the cam plate is minimum while the drive shaft rotates.

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (cancelled)

13. (currently amended) A variable displacement compressor comprising:

a housing including a plurality of cylinder bores;

a drive shaft supported by the housing;

a lug plate secured to the drive shaft, the lug plate being supported in the housing by a thrust bearing;

a cam plate coupled to the lug plate by a hinge mechanism that includes a guide hole and a guide ball, the cam plate being slidably supported by the drive shaft and being at a certain angle within a predetermined range with respect to the drive shaft, the cam plate being rotated by the rotation of the drive shaft;

a plurality of pistons accommodated in the cylinder bores, each piston being coupled to the cam plate, the rotation of the cam plate being converted into the reciprocating movement of the pistons, in accordance with the reciprocating movement of the pistons, gas being introduced into the cylinder bores and being compressed and being discharged from the cylinder bores, compression reactive force being generated while the gas is being compressed by the pistons and being transmitted from the pistons to the housing through a compression reactive force transmission path that ~~passes through~~ includes a set of elements including the pistons, the cam plate, the hinge mechanism, the lug plate, the drive shaft, the thrust bearing and the housing, the compression reactive force being received by the housing; and

a vibration damping member made of a predetermined vibration damping alloy, the vibration damping alloy being placed ~~at least at one position along the compression reactive force transmission path~~ between the guide ball and the guide hole.

14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (original) The variable displacement compressor according to claim 13, wherein the vibration damping alloy is one of ferromagnetic type including Fe-Cr-Al.

18. (original) The variable displacement compressor according to claim 13, wherein the vibration damping alloy is a ferromagnetic type including Fe-Cr-Al-Mn, Fe-Cr-Mo, Co-Ni and Fe-Cr.

19. (original) The variable displacement compressor according to claim 13, wherein the vibration damping alloy is a compound type including Al-Zn.

20. (original) The variable displacement compressor according to claim 13, wherein the vibration damping alloy is a transition type including Mn-Cu and Cu-Mn-Al.

21. (original) The variable displacement compressor according to claim 13, wherein the vibration damping alloy is a twin type including Cu-Zn-Al, Cu-Al-Ni and Ni-Ti.

22. (currently amended) The variable displacement compressor according to claim 13, wherein the piston type compressor is a clutchless type compressor, ~~in which~~ an external drive source ~~is~~being coupled directly to the drive shaft without a clutch to operate the compressor ~~and which stops~~, the clutchless type compressor substantially stopping circulation of the gas in an external circuit in a state that the inclination angle of the cam plate is minimum while the drive shaft rotates.

23. (cancelled)

24. (cancelled)

25. (cancelled)

26. (cancelled)

27. (cancelled)

28. (cancelled)

29. (cancelled)

30. (cancelled)

31. (cancelled)

32. (cancelled)

33. (cancelled)

34. (new) The piston type compressor according to claim 1, wherein the cam plate is coupled to the lug plate by a hinge mechanism including a pair of first protrusions that protrudes from the lug plate and a second protrusion that protrudes from the cam plate between the first protrusions, the vibration damping member being placed at least on a part of inner walls defined between the first protrusions.

35. (new) A variable displacement compressor comprising:

a housing including a plurality of cylinder bores;

a drive shaft supported by the housing;

a lug plate secured to the drive shaft, the lug plate being supported in the housing by a thrust bearing;

a cam plate coupled to the lug plate by a hinge mechanism including a pair of first

protrusions that protrudes from the lug plate and a second protrusion that protrudes from the cam plate between the first protrusions, the cam plate being slidably supported by the drive shaft and being at a certain angle within a predetermined range with respect to the drive shaft, the cam plate being rotated by the rotation of the drive shaft;

a plurality of pistons accommodated in the cylinder bores, each piston being coupled to the cam plate, the rotation of the cam plate being converted into the reciprocating movement of the pistons, in accordance with the reciprocating movement of the pistons, gas being introduced into the cylinder bores and being compressed and being discharged from the cylinder bores, compression reactive force being generated while the gas is being compressed by the pistons and being transmitted from the pistons to the housing through a compression reactive force transmission path that passes through includes a set of elements including the pistons, the cam plate, the hinge mechanism, the lug plate, the drive shaft, the thrust bearing and the housing, the compression reactive force being received by the housing; and

a vibration damping member made of a predetermined vibration damping alloy, the vibration damping alloy being placed at least on a part of inner walls defined between the first protrusions.

36. (new) The variable displacement compressor according to claim 35, wherein the vibration damping alloy is one of ferromagnetic type including Fe-Cr-Al.

37. (new) The variable displacement compressor according to claim 35, wherein the vibration damping alloy is a ferromagnetic type including Fe-Cr-Al-Mn, Fe-Cr-Mo, Co-Ni and Fe-Cr.

38. (new) The variable displacement compressor according to claim 35, wherein the vibration damping alloy is a compound type including Al-Zn.

39. (new) The variable displacement compressor according to claim 35, wherein the vibration damping alloy is a transition type including Mn-Cu and Cu-Mn-Al.

40. (new) The variable displacement compressor according to claim 35, wherein the vibration damping alloy is a twin type including Cu-Zn-Al, Cu-Al-Ni and Ni-Ti.

41. (new) The variable displacement compressor according to claim 35, wherein the piston type compressor is a clutchless type compressor, an external drive source being coupled directly to the drive shaft without a clutch to operate the compressor, the clutchless type compressor substantially stopping circulation of the gas in an external circuit in a state that the inclination angle of the cam plate is minimum while the drive shaft rotates.